



CROATIA

EXTERNAL ASSOCIATE



NAME AND SURNAME:

Ratko Magjarević

AFFILIATION:

Tenured Professor at Faculty of Electrical Engineering and Computing, University of Zagreb

AREA OF EXPERTISE:

Biomedical engineering and health informatics

RESEARCHER ID: (ORCID)

SHORT BIOGRAPHY

Ratko Magjarević graduated Electrical Engineering in 1982 and in 1988 he received his Master Degree. In 1994. he received his Ph.D. in the field of Electrical Engineering from the University of Zagreb. He spent his Academic career at the University of Zagreb, where he was elected to the position of full professor with tenure in the field of Electrical Engineering in 2011. His research interest is in biomedical engineering and health informatics, in particular, instrumentation for data acquisition, transmission and processing in health care and in developing technologies for personalization, prevention, monitoring and risk prediction in medicine and health care.

Apart from Zagreb, he has been teaching at the universities of Trieste, Ljubljana and Bogota,

Colombia for many years. During the academic year 2005-06, he resides at the Institute for Biomedical Engineering, University of Stuttgart, Germany. Already in 2002-04 he was one of the experts on the European Commission project “Cartography of Medical and Biological Engineering in Europe” and later on the European projects FP6, FP7, Horizon 2020, TEMPUS and COST projects. He has been the leader of bilateral scientific projects with partners in Slovenia, Italy, the United Kingdom, Macedonia, Hungary, France and Colombia. He has led an R&D project under IRI scheme and a number of other research and professional projects. He has published more than 80 papers in journals and conference proceedings, several editorial books, several book chapters and encyclopedia citations, and has delivered more than twenty invited lectures at major international conferences.

Professor Magjarević is an official and a member of several international and national scientific and professional organizations. In the International Federation of Medical and Biological Engineering (IFMBE), he was twice elected for a three-year term of office as the President: 2012-15 and 2022 - 25. In 2014, he received the FER Golden Plaque "Josip Loncar" for his contribution to the teaching and development of biomedical engineering, as well as the recognition of the Senate of the Republic of Colombia for his global contribution to the development of biomedical engineering. In 2013, he was elected Honorary Senator of the University of Ljubljana. In 2020, he was proclaimed IUPESM Inaugural Fellow.